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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.
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09/485,650 04/05/00 BETTIOL

J CM1817

027748 IM31/0731
THE PROCTER & GAMBLE COMPANY
PATENT DIVISION
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EXAMINER

PUR1.A

ART UNIT

PAPER NUMBER

1751

DATE MAILED:

07/31/01

Please find below and/or attached an Office communication concerning this application or proceeding.

Commissioner of Patents and Trademarks

Office Action Summary

Application No.

09/495,650

Applicant(s)

STEINHARDT ET AL.

Examiner

Anil K Puri

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 5.21.01
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1, 12-3 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1, 12-3 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on _____ is: a) ☐ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

- 13) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

- 1) ☐ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) _____
- 4) ☐ Interview Summary (PTO-413) Paper No(s). _____
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other:

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DETAILED ACTION

Claims 1 and 12-31 are pending in this application

Response to Amendment

This office action is in response to application amendment Under 37 C.F.R. 1.111 filed on 5/21/01 and entered as paper number 7

Abstract objection Under 37 C.F.R. 1.72(b) is withdrawn because ~~of~~ applicant has provided the abstract in their response in above said paper.

Claim rejection -35 U.S.C. § 112 second paragraph

The ~~re~~^Jjection of claim 19 is withdrawn because terms "1800E7", "1200E7", and "600E20" are defined in specification on page 49.

The rejection of claims 1, 12-18 and 20-31 under 35 USC 103 as being unpatentable over Ghosh et al U.S. '948 in combination with Cuperus et al WO'362 is maintained for the reason of record and basis of this rejection is the same as given in paper No. 6 dated 3/01/01

Response to Arguments

Applicant's arguments filed on 06/21/01 have been fully considered but they are not persuasive. Applicant urges that two references cited in the ~~re~~^Jjection are not combinable because U.S. '948 teaches liquid laundry detergent composition comprising water soluble and or dispersible modified polyamines having functionalized back bone moieties that provide cotton soil release benefits and protease enzyme. Applicant urges that Cuperus et al fail to teach cotton soil release polymer of the claimed invention

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and the applicant submit that there exist no motivation in combining these two references.

The examiner position is such that the arguments are not found persuasive because two references are in the same analogs art in cleaning composition. Secondary reference of Cuperus WO'362 clearly teaches on page 11 lines 25-30 that the amylase enzyme are functional equivalent to protease enzyme in the cleaning composition and thus a person of ordinary skill in the art would be motivated to replace protease enzyme to mannase enzyme. Such modification would be obvious because one would expect that the use of protease enzyme is similarly useful and applicable in cleaning or personal care detergent composition because the two enzyme are taught to be functional equivalent by Cuperus et al. Further applicants have not provided any additional data to overcome the rejection of record.

THIS ACTION IS MADE FINAL. Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

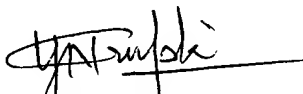
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Any inquiry concerning this communication or earlier communications from the examiner should be directed to Anil K Puri whose telephone number is 703/605-4427. The examiner can normally be reached on 8:30 AM TO 5:30 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Yougendra Gupta can be reached on (703)-308-4708. The fax phone numbers for the organization where this application or proceeding is assigned are 703/305-3599 for regular communications and 703/305-3599 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703/308-0661.

AKP
July 30, 2001


YOGENDRA N. GUPTA
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 1700